PROJECT SPOTLIGHT

PROJECT SNAPSHOT

ncs

TRINITY METRO
FORT WORTH CENTRAL STATION

AV & PA SYSTEM UPGRADE

WORLD CUP-READY VISUAL COMMUNICATIONS AND PASSENGER QUEUE AUDIO

CLIENT
Trinity Metro

LOCATION
Fort Worth Central Station
Fort Worth, TX

SPACE
Regional transit hub

NCS SCOPE
Audiovisual and Public Address Systems

THE PROJECT STORY

LARGE-FORMAT LED DISPLAY

VISUAL COMMUNICATIONS

31'6" X 8'11"
DIRECT-VIEW LED WALL

330 FT
QUEUE COVERAGE

1,000
PASSENGER QUEUE CAPACITY

PREPARED FOR THE WORLD CUP. BUILT FOR DAILY SERVICE

NCS equipped Fort Worth Central Station with high-impact visual and audio communications designed for World Cup event operations and everyday rider messaging. Centralized controls and a floor-clean PA design simplify operation for Trinity Metro staff while supporting long-term use beyond the event.

THE CLIENT

Trinity Metro is the regional public transit authority serving Fort Worth and surrounding communities in Tarrant County. Fort Worth Central Station connects TEXRail, Trinity Railway Express (TRE), Amtrak and regional bus service.

THE CHALLENGE

Ahead of the 2026 FIFA World Cup matches in North Texas, Trinity Metro needed to prepare the station for heavier passenger volumes and clearer event-day communications. The project required a high-impact visual platform plus a practical outdoor PA solution for a 330-foot queue area holding up to 1,000 passengers, all simple enough for nontechnical staff to operate.

THE SOLUTION

NCS designed and installed two coordinated systems: a nearly 32-foot Newline direct-view LED video wall with Q-SYS control in the main concourse, and a weatherized 70V queue PA system with eight permanently mounted speakers, overhead cabling and a pre-wired rolling equipment rack for match-day operations.

TWO SYSTEMS. ONE BETTER PASSENGER EXPERIENCE

NCS combined large-format visual communications, centralized Q-SYS control and a practical outdoor queue PA system to give Trinity Metro tools that are high-impact for riders and straightforward for staff.

LARGE-FORMAT VISUAL COMMUNICATIONS

NEWLINE DV PRO VIDEO WALL
Approx. 31'6" wide x 8'11" tall direct-view LED display in the main concourse.

Q-SYS CORE 24F + TOUCH PANEL
Centralized control and audio processing with a TSC-70-G3 staff touchscreen.

AUDIO INTEGRATION
Two SC-90 loudspeakers integrated into the Q-SYS platform.

SHIELDED CAT6 HOME RUNS
Eight shielded home-run connections installed per manufacturer specifications.

01 CONTENT & LAYOUT CONTROL
Source selection plus preset and layout management.

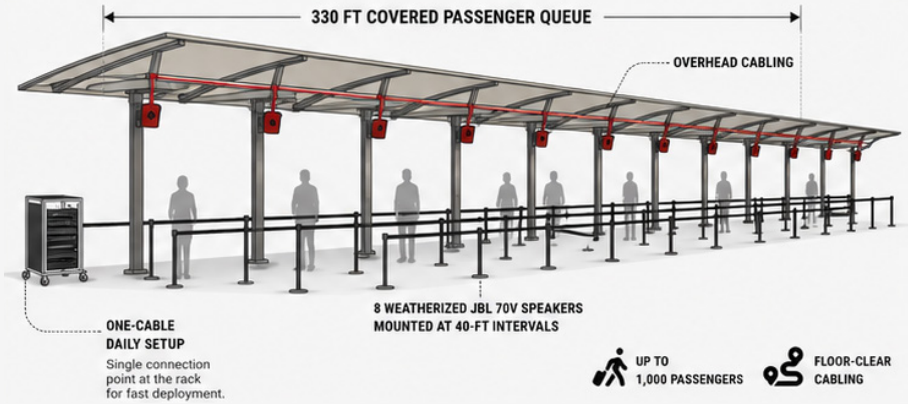
02 STAFF-FACING PRESETS
Basic display controls and custom operational presets defined by Trinity Metro.

03 FULL COMMISSIONING
Color calibration, brightness optimization and resolution configuration.

04 READY FOR DAILY USE
Centralized operation designed to reduce reliance on dedicated AV support.

HIGH-IMPACT VISUALS. SIMPLE STAFF CONTROL
A nearly 32-foot display gives Trinity Metro a flexible platform for passenger information, event content and system messaging.

WORLD CUP QUEUE PA SYSTEM



SYSTEM DESIGN HIGHLIGHTS

WEATHERIZED SPEAKER COVERAGE
Eight JBL Control 28-1 weatherized 70V speakers permanently mounted to awning pillars at 40-foot intervals.

OVERHEAD CABLING
Speaker cabling routed across the awning structure so the passenger floor remains completely clear.

ONE-CABLE DAILY SETUP
A single connection point at the rack lets staff deploy the system quickly each morning.

PRE-WIRED ROLLING RACK
The locking rack is stored indoors each night and rolled out for event operations.

ROLLING RACK INCLUDES

- JBL CSA2300Z 600W amplifier
- JBL CSM14 mixer with priority ducking
- TASCAM RX-BT10 Bluetooth receiver
- Furman M-8x2 power conditioner
- Shure SM58 microphone
- Gator GRR-6L locking rack case on rolling cart

PLANNING A MUNICIPAL FACILITY OR TECHNOLOGY REFRESH?

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